

22ES790

**PROFESSIONAL READINESS FOR
INNOVATION, EMPLOYABILITY
AND ENTREPREURSHIP**

Category L T P Credit
ES 0 0 6 3

Preamble

This course emphasise critical thinking, team based project experience and timely delivery of modules in a project to empower students with overall professional and technical skills. This course helps students to prepare with digital skills, Experiential Project Based Learning through hands-on experience using digital technologies on open source platforms with an end to end journey to solve a problem. By the end of this course, the student understands the approach to solve a problem with team collaboration with mentoring from industry and faculties.

Prerequisite

NIL

Course Outcomes

On the successful completion of the course, students will be able to

CO	Course Outcome	TCE Proficiency Scale	Expected Proficiency in %	Expected Attainment Level %
CO1	Apply real industry-level uses cases to upskill emerging technologies	TPS3	B	85
CO2	Illustrate agile development process in real world problems	TPS2	B	85
CO3	Develop Career readiness competencies, Team Skills / Leadership qualities	TPS3	B	85
CO4	Develop Time Management, Project management skills and Communication Skills	TPS3	B	85
CO5	Use Critical Thinking for innovative Problem Solving	TPS4	B	85
CO6	Develop Entrepreneurship skills to independently work on products	TPS3	B	85

Mapping with Programme Outcomes

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1.	S	M	L		L	M	L	M	M	L	L	M
CO2.	M	L						L	L	L		M
CO3.	S	M	L					M	M	M		M
CO4.	S	M	L		L			M	M	S	M	M
CO5.	S	S	M	L				M	M	L		M
CO6.	S	M	L		M	M	L	M	M	M	M	M

S- Strong; M-Medium; L-LowM

Assessment Pattern

Phases	Deliverables	Marks	Course Outcomes
Continuous Assessment			
Review 1 – Project Design and Requirement Analysis	Technical Report	20	CO1 and CO2
Review 2 – Project Development: Coding & Solutioning, Testing	Technical Report	40	CO3 and CO5
Review 3 –Project Documentation and Demonstration	Demo and Technical Report	40	CO4 and CO6

Course Contents and Lecture Schedule

Activity No.	Activity Name	Time (weeks)
1	Choosing a Project	2
2.	Team Formation	1
3.	Hands on Training	2
4	Project Development	6
5	Code Submission, Project Documentation and Demonstration	3
6	Mentor Review and Approval	1
7	Evaluation and scoring	1
	Total	16

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